Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

1   1.   (currently amended) A method for providing a communication
2 channel that comprises at least one property dynamically changeable during social
3 interactions, comprising:
4   defining a communication channel comprising a set of properties that are
5 dynamically changeable to determine structure for content delivery;
6   delivering content through the communication channel between at least
7 two participants while monitoring at least one arbitrary data source;
8   <u>monitoring out-of-channel context, wherein the out-of-channel context</u>
9 <u>originates from at least one of ambient environment sensors and contact sensors;</u>
10   modeling at least one desired qualitative property for the communication
11 channel based on the monitoring of the at least one arbitrary data source <u>and out-</u>
12 <u>of-channel context</u>, wherein the desired qualitative property comprises at least one
13 of binary settings, categorical settings, and a parametric property; and
14   dynamically changing a portion of the set of properties for the
15 communication channel in accordance with the at least one desired qualitative
16 property.

1   2.   (original) A method according to Claim 1, further comprising:
2   altering the communication channel as a primary communication channel.

1   3.   (original) A method according to Claim 2, wherein the content
2 delivered over the primary communication channel substantially comprises
3 elements of human language.

1   4.   (original) A method according to Claim 1, further comprising:
2   altering the communication channel as a continuous communication
3 channel.

1   5.   (original) A method according to Claim 1, further comprising:

2   monitoring content delivered over a primary communication channel.

1   6.   (original) A method according to Claim 5, wherein the content

2 delivered over the primary communication channel substantially comprises

3 elements of analyzed human language.

1   7.   (original) A method according to Claim 6, further comprising:

2   performing speech recognition to the content delivered over the primary

3 channel in determining the analyzed human language elements.

1   8.   (original) A method according to Claim 5, wherein the content

2 delivered over the primary communication channel substantially comprises

3 elements of prosodic content.

1   9.   (original) A method according to Claim 8, wherein the prosodic

2 content elements comprise prosodic evidence of emotional state.

1   10.   (original) A method according to Claim 8, wherein the prosodic

2 content elements comprise prosodic evidence of conversational engagement.

1   11.   (original) A method according to Claim 5, wherein the content

2 delivered over the primary communication channel substantially comprises

3 elements of audio content.

1   12.   (original) A method according to Claim 5, wherein the content

2 delivered over the primary communication channel substantially comprises

3 elements of text.

1   13.   (original) A method according to Claim 1, further comprising:

2   monitoring content delivered over a secondary communication channel.

1   14.   (original) A method according to Claim 13, wherein the content
2 delivered over the secondary communication channel substantially comprises
3 elements of video content.

1   15.   (original) A method according to Claim 1, further comprising:
2   monitoring content delivered over the communication channel comprising
3 conversational characteristics.

1   16.   (original) A method according to Claim 15, further comprising:
2   providing temporal alignment of features identified in the conversational
3 characteristics.

1   Claim 17-20 (cancelled).

1   21.   (original) A method according to Claim 1, further comprising:
2   drawing an inference based on the modeling.

1   22.   (original) A method according to Claim 21, wherein the inference
2 comprises assessing attributes of individuals.

1   23.   (original) A method according to Claim 21, wherein the inference
2 comprises assessing attributes of environment.

1   24.   (original) A method according to Claim 21, wherein the inference
2 comprises assessing attributes of groups.

1   25.   (original) A method according to Claim 21, wherein the inference
2 comprises modeling goals of individuals.

1   26.   (original) A method according to Claim 25, wherein the inference
2 further comprises modeling the goals of the individuals as a group.

1   27.   (original) A method according to Claim 1, further comprising:
2   drawing an inference based on historical information.

1   28.   (original) A method according to Claim 27, wherein the inference
2   is based on a history of monitored data.

1   29.   (original) A method according to Claim 27, wherein the inference
2   is based on a history of modeled attributes.

1   30.   (original) A method according to Claim 27, wherein the inference
2   is based on a history of channel properties.

1   31.   (original) A method according to Claim 1, further comprising:
2   drawing an inference based on joint behaviors of the at least two
3   participants.

1   32.   (original) A method according to Claim 31, wherein the inference
2   comprises drawing the inference on common actions.

1   33.   (original) A method according to Claim 31, wherein the inference
2   comprises drawing the inference on a temporal correlation of actions.

1   34.   (original) A method according to Claim 1, further comprising:
2   receiving additional manual input; and
3   dynamically changing the set of properties for the communication channel
4   further based on the additional manual input.

1   Claims 35-67 (cancelled).

1   68.   (currently amended) A system for providing a communication
2   channel that comprises at least one property dynamically changeable during social
3   interactions, comprising:
4   a communication channel comprising a set of properties that are
5   dynamically changeable to determine structure for content delivery and to deliver
6   content between at least two participants while monitoring at least one arbitrary
7   data source;

8 a monitoring module to monitor out-of-channel context, wherein the out-

9 of-channel context originates from at least one of ambient environment sensors

10 and contact sensors;

11 a modeling component to model at least one desired qualitative property

12 for the communication channel based on the monitoring of the at least one

13 arbitrary data source and out-of-channel context, wherein the desired qualitative

14 property comprises at least one of binary settings, categorical settings, and a

15 parametric property; and

16 a switch to dynamically change a portion of the set of properties for the

17 communication channel in accordance with the at least one desired qualitative

18 property.

1 Claim 69 (cancelled).

1 70. (new) A method for providing a communication channel that

2 comprises at least one property dynamically changeable during social interactions,

3 comprising:

4 defining a communication channel comprising a set of properties that are

5 dynamically changeable to determine structure for content delivery;

6 delivering content through the communication channel between at least

7 two participants while monitoring at least one arbitrary data source;

8 monitoring the content delivered over the communication channel

9 comprising conversational characteristics and providing temporal alignment of

10 features identified in the conversational characteristics;

11 modeling at least one desired qualitative property for the communication

12 channel based on the monitoring of the at least one arbitrary data source and the

13 content, wherein the desired qualitative property comprises at least one of binary

14 settings, categorical settings, and a parametric property; and

15 dynamically changing a portion of the set of properties for the

16 communication channel in accordance with the at least one desired qualitative

17 property.

1   71.   (new) A method according to Claim 70, further comprising:

2   altering the communication channel as one of a primary communication

3 channel and a continuous communication channel.

1   72.   (new) A method according to Claim 71, wherein the content

2 delivered over the primary communication channel substantially comprises

3 elements of human language.

1   73.   (new) A method according to Claim 70, further comprising:

2   drawing an inference based on the modeling, wherein the inference

3 comprises at least one of assessing attributes of individuals, assessing attributes of

4 environment, assessing attributes of groups, modeling goals of individuals, and

5 modeling the goals of the individuals as a group.

1   74.   (new) A method according to Claim 70, further comprising:

2   drawing an inference based on historical information, wherein the

3 inference is based on at least one of a history of monitored data, a history of

4 modeled attributes, and a history of channel properties.

1   75.   (new) A method according to Claim 70, further comprising:

2   drawing an inference based on joint behaviors of the at least two

3 participants, wherein the inference comprises at least one of drawing the inference

4 on common actions and drawing the inference on a temporal correlation of

5 actions.

1   76.   (new) A method according to Claim 70, further comprising:

2   receiving additional manual input; and

3   dynamically changing the set of properties for the communication channel

4 further based on the additional manual input.

1   77.   (new) A method for providing a communication channel that

2 comprises at least one property dynamically changeable during social interactions,

3 comprising:

4   defining a <u>primary</u> communication channel comprising a set of properties

5   that are dynamically changeable to determine structure for content delivery;

6   delivering content through the <u>primary</u> communication channel between at

7   least two participants while monitoring at least one arbitrary data source;

8   <u>monitoring the content delivered over the primary communication</u>

9   <u>channel, wherein the content delivered over the primary communication channel</u>

10   <u>substantially comprises elements of prosodic content comprising one of prosodic</u>

11   <u>evidence of emotional state and prosodic evidence of conversational engagement;</u>

12   modeling at least one desired qualitative property for the communication

13   channel based on the monitoring of the at least one arbitrary data source, wherein

14   the desired qualitative property comprises at least one of binary settings,

15   categorical settings, and a parametric property; and

16   dynamically changing a portion of the set of properties for the

17   communication channel in accordance with the at least one desired qualitative

18   property.

1   78.   (new) A method according to Claim 77, further comprising:

2   altering the communication channel as one of a primary communication

3   channel and a continuous communication channel.

1   79.   (new) A method according to Claim 78, wherein the content

2   delivered over the primary communication channel substantially comprises

3   elements of human language.

1   80.   (new) A method according to Claim 77, further comprising:

2   drawing an inference based on the modeling, wherein the inference

3   comprises at least one of assessing attributes of individuals, assessing attributes of

4   environment, assessing attributes of groups, modeling goals of individuals,

5   modeling the goals of the individuals as a group.

1   81.   (new) A method according to Claim 77, further comprising:

2   drawing an inference based on historical information, wherein the

3   inference is based on at least one of a history of monitored data, a history of

4   modeled attributes, and a history of channel properties.

1   82.   (new) A method according to Claim 77, further comprising:

2   drawing an inference based on joint behaviors of the at least two

3   participants, wherein the inference comprises at least one of drawing the inference

4   on common actions and drawing the inference on a temporal correlation of

5   actions.

1   83.   (new) A method according to Claim 77, further comprising:

2   receiving additional manual input; and

3   dynamically changing the set of properties for the communication channel

4   further based on the additional manual input.

1   84.   (new) A method for providing a communication channel that

2   comprises at least one property dynamically changeable during social interactions,

3   comprising:

4   defining a communication channel comprising a set of properties that are

5   dynamically changeable to determine structure for content delivery;

6   delivering content through the communication channel between at least

7   two participants while monitoring at least one arbitrary data source;

8   <u>drawing an inference based on joint behaviors of the at least two</u>

9   <u>participants, wherein the inference comprises one of drawing the inference on</u>

10 <u>common actions and drawing the inference on a temporal correlation of actions;</u>

11   modeling at least one desired qualitative property for the communication

12 channel based on the monitoring of the at least one arbitrary data source, wherein

13 the desired qualitative property comprises at least one of binary settings,

14 categorical settings, and a parametric property; and

15   dynamically changing a portion of the set of properties for the

16 communication channel in accordance with the at least one desired qualitative

17 property.

85. (new) A method according to Claim 84, further comprising:

altering the communication channel as one of a primary communication channel and a continuous communication channel.

86. (new) A method according to Claim 85, wherein the content delivered over the primary communication channel substantially comprises elements of human language.

87. (new) A method according to Claim 84, further comprising:

monitoring content delivered over a primary communication channel.

88. (new) A method according to Claim 87, wherein the content delivered over the primary communication channel substantially comprises elements of analyzed human language.

89. (new) A method according to Claim 88, further comprising:

performing speech recognition to the content delivered over the primary channel in determining the analyzed human language elements.

90. (new) A method according to Claim 87, wherein the content delivered over the primary communication channel substantially comprises elements of prosodic content and further wherein the prosodic content elements comprise at least one of prosodic evidence of emotional state and prosodic evidence of conversational engagement.

91. (new) A method according to Claim 87, wherein the content delivered over the primary communication channel substantially comprises at least one of elements of audio content and elements of text.

92. (new) A method according to Claim 84, further comprising:

monitoring content delivered over a secondary communication channel, wherein the content delivered over the secondary communication channel substantially comprises elements of video content.

1   93.   (new) A method according to Claim 84, further comprising:

2   monitoring content delivered over the communication channel comprising

3   conversational characteristics.

1   94.   (new) A method according to Claim 93, further comprising:

2   providing temporal alignment of features identified in the conversational

3   characteristics.

1   95.   (new) A method according to Claim 84, further comprising:

2   receiving additional manual input; and

3   dynamically changing the set of properties for the communication channel

4   further based on the additional manual input.